

Table 2-1

Required sample sizes for control and treatment fish releases for each species ($R_C = R_T = R$) based on parameter values seen in the survival investigation at the Rocky Reach Dam, April-May 1993 (RMC and Skalski 1994a) and other combinations of recapture and survival probabilities. $S=0.99$.

Survival (τ)	Recapture Rate (P)	Precision (ϵ)	Significance ($1-\alpha$)	Paired Release ($R_C = R_T = R$)
0.95	0.99	0.05	0.90	93
	0.95	0.05	0.90	179
	0.90	0.05	0.90	291
0.925	0.99	0.05	0.90	115
	0.95	0.05	0.90	198
	0.90	0.05	0.90	311
0.90	0.99	0.05	0.90	135
	0.95	0.05	0.90	215
	0.90	0.05	0.90	324
0.85	0.99	0.05	0.90	173
	0.95	0.05	0.90	246
	0.90	0.05	0.90	347

Table 2-2

Required sample sizes for control and treatment fish releases for each species ($R_C = R_T = R$) based on parameter values seen in the survival investigation at the Lower Granite Dam, April-May 1994 (RMC et al. 1994) and other combinations of recapture and survival probabilities. $S=0.95$.

Survival (τ)	Recapture Rate (P)	Precision (ϵ)	Significance ($1-\alpha$)	Paired Release ($R_C = R_T = R$)
0.95	0.99	0.05	0.90	179
	0.95	0.05	0.90	269
	0.90	0.05	0.90	371
0.925	0.99	0.05	0.90	198
	0.95	0.05	0.90	284
	0.90	0.05	0.90	402
0.90	0.99	0.05	0.90	215
	0.95	0.05	0.90	308
	0.90	0.05	0.90	412
0.85	0.99	0.05	0.90	246
	0.95	0.05	0.90	322
	0.90	0.05	0.90	427